I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to

Mail Stop Patent Ext. Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Attorney for Applicant

Date: // August 2004

RECEIVED

AUG 1 7 2004

OFFICE OF PETITIONS

Appl. No.:

09/893,389

Applicant(s):

Keeth et al. 28 June 2001

Filed: Title:

256 MEG DYNAMIC RANDOM ACCESS MEMORY

**Art Unit:** 

2818

**Examiner:** 

Michael Thanh Tran

Docket No.:

DB000575-014

To:

Mail Stop Patent Ext.

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

APR -5 2005

# APPLICATION FOR PATENT TERM ADJUSTMENT PURSUANT TO 37 CFR §1.705

Applicant respectfully requests reconsideration of the patent term adjustment indicated in the Notice of Allowance (copy enclosed) for the above-identified patent application. Specifically, Applicant respectfully requests that the patent term be extended from zero (0) days to five-hundred-sixty-two (562) days.

The above-identified application was filed on 28 June 2001. A first Office action was mailed by the USPTO on 12 February 2002 (within the 14 month time period set by 37 CFR §1.702(a)(1)). The Office action set a three month period for response. Applicant (using the Certificate of Mailing provisions under 37 CFR §1.8) timely filed a response on 9 May 2002. As evidenced by a copy of the enclosed return receipt post-card, the Response was received by the USPTO on 31 May 2002. Pursuant to 37 CFR §1.8, the USPTO considers the Response as timely filed within the three month statutory period because the Certificate of Mailing provisions were followed, but the date of actual date receipt (i.e., 31 January 2002) is used for all other purposes (e.g., to calculate the delay caused by the USPTO for the applicable patent term adjustment).

As evidenced by the screen print-out from the Patent Application Information Retrieval (PAIR) system, the above-captioned application was designated as "File Marked Lost" by the USPTO on 27 January 2003. In response to a verbal inquiry to Examiner Tran, Applicant was asked to resubmit all documents filed after 12 February 2002 so that the file could be reconstructed. Applicant complied with the Examiner's request and the above-captioned application was designated as "File

08/16/2004 AWONDAF2 00000003 09893389

Marked Found" on 7 October 2003. The Applicant was erroneously charged with causing a 624-day delay (as shown on the PAIR screen print-out).

On 21 January 2004, Examiner Tran requested that Applicant's attorneys re-submit the Response and Amendment which was originally mailed on 9 May 2002. Examiner Tran requested that the re-submitted Response and Amendment include the text of all the claims, including those previously cancelled. Applicant (using the Certificate of Mailing provisions under 37 CFR §1.8) responded to Examiner Tran's request by timely resubmitting the Response and Amendment on 23 January 2004. As evidenced by a copy of the enclosed return receipt post-card, the resubmitted Response and Amendment was received by the USPTO on 26 January 2004.

A second Office action was mailed by the USPTO on 14 April 2004. It is respectfully submitted that the amount of delay between 30 September 2002 (i.e., four months after 31 May 2002, the date the first Response was received by the USPTO) and 14 April 2004 (the date the second Office action was mailed) is five-hundred-sixty-two (562) days. It is believed that this delay was caused solely by the USPTO.

The second Office action set a three month period for response. Applicant (using the Certificate of Mailing provisions under 37 CFR §1.8) timely filed a response on 12 July 2004. As evidenced by a copy of the enclosed return receipt post-card, the Response was received by the USPTO on 14 July 2004. A Notice of Allowance was mailed on 5 August 2004.

It is respectfully submitted that the USPTO has caused a delay of five-hundred-sixty-two (562) days (i.e., the time between 30 September 2002 and 14 April 2004). The above-identified application is not subject to a terminal disclaimer and it is believed that the Applicant engaged in reasonable efforts to conclude processing of the above-identified application as set forth in 37 CFR §1.704. Thus, Pursuant to 37 CFR §1.703, the term of the above-identified application should be extended five-hundred-sixty-two (562) days.

A check for \$200 is enclosed to cover the fee imposed by 37 CFR §1.18(e). However, because this Application for Patent Term Adjustment was necessitated by errors on the part of the USPTO, Applicant respectfully requests a refund of the fee. The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888.

Respectfully submitted,

Richard J. Coldren Reg. No. 44,084

Thorp Reed & Armstrong, LLP

One Oxford Centre

301 Grant Street, 14<sup>th</sup> Floor Pittsburgh, PA 15219-1425

(412) 394-2442

Attorneys for Applicant

Dated: // August 2004

## United States Patent and Trademark Office

AUDOCKETED A

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

Alexandria Virginia 22340 FRS (ED

## NOTICE OF ALLOWANCE AND FEE(S) DUE

AUG 1 7 2004

08/05/2004

OFFICEANKALH

00/03/2004

TRAN, MICHAEL THANH

Thorp Reed & Armstrong, LLP One Oxford Centre 301 Grant Street, 14th Floor Pittsburgh, PA 15219-1425

COPY

ART UNIT PAPER NUMBER

2818

DATE MAILED: 08/05/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/893,389	06/28/2001	Brent Keeth	DB000575-014	6114

TITLE OF INVENTION: 256 MEG DYNAMIC RANDOM ACCESS MEMORY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	11/05/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B: If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

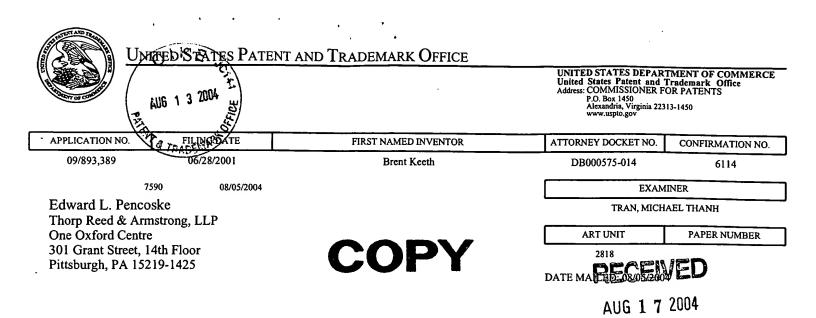
A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



OFFICE OF PETITIONS

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



The dating stamp of the USPTO on this card will be taken as an indication that the accompanying paper(s) was filed.

Applicant(s):

Keeth, et al. 28 June 2001

Filing Date:

09/893,389

Serial No.: Check:

n/a

Atty. Docket No.:

DB000575-014

\*Transmittal Ltr (x2)

\*Response and Amendment \*copy of Third Preliminary Amendment

\*copy of Second Preliminary Amendment



JUN 07201

By: ELP:RJC:sh

Diate: 09 May 2002



United States Patent and Trademark Office

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# PATENT APPLICATION INFORMATION RETRIEVAL





**Other Links** 



Patent Term Adjustment (PTA) for application number: 09/893,389				
			Days	
Filing or 371(c) Date:	06-28-2001	USPTO Delay (PTO):	0	
Issue Date of Patent:		Three Years:	-	
Pre-Issue Petitions (days):	+0	Applicant Delay (APPL):	624	
Post-Issue Petitions (days):	+0	Total PTA:	0	
USPTO Adjustment (days):	+0	Explanation of Calculations		

Select Search Option

-	Continuity Data
	File History
	Image File Wrapper
	Image File Wrapper Published Documents

Search

Patent Term Adjustment History				
Date	Contents Description	PTO (days)	APPL (days)	
08-05-2004	Mail Notice of Allowance			
07-29-2004	Issue Revision Completed			
07-29-2004	Notice of Allowance Data Verification Completed			
07-28-2004	Notice of Allowability			
07-27-2004	IFW TSS Processing by Tech Center Complete			
07-27-2004	Date Forwarded to Examiner			
07-14-2004	Response after Non-Final Action			
07-14-2004	Reference capture on IDS			
07-14-2004	Information Disclosure Statement (IDS) Filed			
07-14-2004	Workflow incoming amendment IFW			
04-14-2004	Mail Non-Final Rejection			
04-13-2004	Non-Final Rejection			
05-20-2004	Date Forwarded to Examiner			
01-26-2004	Response after Non-Final Action		624	
10-07-2003	File Marked Found		Î	
01-27-2003	File Marked Lost		1	
06-28-2001	Additional Application Filing Fees		Û	
02-12-2002	Mail Non-Final Rejection		1	
02-08-2002	Non-Final Rejection			
09-07-2001	Preliminary Amendment			
08-27-2001	Mail Miscellaneous Communication to Applicant			
08-27-2001	Miscellaneous Communication to Applicant - No Action Count			
06-28-2001	Preliminary Amendment			
	Case Docketed to Examiner in GAU			
08-08-2001	Application Dispatched from OIPE			
08-07-2001	Correspondence Address Change			

08-06-2001	Correspondence Address Change	1 1
07-12-2001	IFW Scan & PACR Auto Security Review	
06-28-2001	Initial Exam Team nn	

|.HOME|INDEX|SEARCH|eBUSINESS|CONTACT US|PRIVACY STATEMENT

JAN 2 6 2004

FEB 0 2 2004

The dating stamp of the USPTO on this card will be taken as an indication that the accompanying paper(s) was filed.

Attorney:

Edward L. Pencoske, Esq.

Applicant:

Keeth et al. 28 June 2001

Filing Date: Title:

256 MEG DYNAMIC RANDOM ACCESS MEMORY

Serial No.:

09/893,389

Atty Docket No.:

DB000575-014

Transmittal Letter x2;

Resubmitted Response and Amendment (w/postcard from the original Response and

a copy of the Third Preliminary Amendment (w/postcard); and a copy of the Second Preliminary Amendment (w/postcard).

ELP/nwf

Dated: 23 January 2004

JUL 192004

The dating stamp of the USPTO on this card will be taken as an indication that the accompanying paper(s) was filed.

Attorney:

Edward L. Pencoske Esq. Keeth, et al. 09/893,389

Applicant: Serial No.:

Filed:

28 June 2001

Title:

Title: 256 MEG DYNAMIC RANDOM ACCESS 14DEN Atty Docket No.: DB000575-014

Transmittal Letter x 2;
Response and Amendment; and
copy of the Information Disclosure Statement (Form PTO/SB/08A-one page; Form
PTO/SB/08B-two pages) initially submitted on 28 June 2001 (w/postcard).

ELP/mam
Dated 3 July 2004

JUL 1 4 2004

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it displays a valid OMB control number. e Paperwork Reduction Act of 1995, no persons are required to re-

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

AUG 1 3 2004

(\$)	200

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Complete if Known				
Application Number	09/893,389			
Filing Date	28 June 2001			
First Named Inventor	Keeth et al.			
Examiner Name	Michael Thanh Tran			
Art Unit	2818			
Attorney Docket No.	DB000575-014			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Check Credit card Money Other None	3. ADDITIONAL FEES				
Order Order	Large Entity , Small Entity				
Denosit	Fee Fee Fee Fee Fee Description	Eco Doid			
Account Number 20-0888	1051 130 2051 65 Surcharge - late filing fee or oath	Fee Paid			
Deposit Account Thorp Reed & Armstrong	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet				
Name The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification	<u> </u>			
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination	`——			
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to				
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month	1			
	1252 420 2252 210 Extension for reply within second month				
1. BASIC FILING FEE Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month				
Fee Fee Fee Fee Description Fee Paid	1254 1,480 2254 740 Extension for reply within fourth month				
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month				
1002 340 2002 170 Design filling fee	1401 330 2401 165 Notice of Appeal				
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 0	1452 110 2452 55 Petition to revive - unavoidable				
	1453 1,330 2453 665 Petition to revive - unintentional	<u> </u>			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,330 2501 665 Utility Issue ree (or reissue)				
Extra Claims below Fee Paid  Total Claims X = X	1502 480 2502 240 Design issue fee	ļ			
Total Claims	1503 640 2503 320 Plant issue fee				
Claims ————————————————————————————————————	1 1460 130 1460 130 Petitions to the Commissioner				
	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	<u> </u>			
Large Entity   Small Entity	1806 180 1806 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)				
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))				
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be				
1204 86 2204 43 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b))				
	1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	of a design application				
SUBTOTAL (2) (\$) o	Other fee (specify) Adjustment  *Reduced by Basic Ellips En Raid  *Reduced by Basic Ellips En Raid  *Reduced by Basic Ellips En Raid				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 200				

SUBMITTED BY			(Complete	(if applicable))
Name (Print/Type)	Richard J. Coldren	Registration No. (Attorney/Agent) 44,084	Telephone	412-394-2442
Signature	Richard l. Coldren		Date	11 Aug 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DANIEL JULIUS ANDERSON

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ISON		OLS	ion

authorized to perform a marriage ceremony under the laws of the State of Michigan. in witness whereof, day of November I have signed and sealed these presents, this  $\underline{21}$ \*Certificate of Marriage Between Mr. ANDREW MARK ANDERSON and M REBECCA MERRY OLSON I hereby certify that, in accordance with the above license, the persons herein mentioned were joined in is Space Reserved for Binding

	N. Control of the Con	
11/18/2003	L. C.	STATE FILE NO.
DEC 04 2003  PATE CERTIFICATE FILED  DATE CERTIFICATE FILED	Wicongo	M-142887
DATE CERTIFICATE FILED JUICILITATE	Littibe	LOCAL FILE NO.
State of To any person legally authorized to solen	Michigan	the State of Michiga
To any person legally authorized to solell	IIIIZO IIIBITIOGO III	42/24/2003
Marriage must be solemnized In the State of Mic	<i>higan</i> on or before	12/21/2003
ANDREW MARK ANDERSON and Full make of Male (FIRST, MIDDLE, LAST)	REBECCA MERRY	OLSON MALE (FIRST, MIDDLE, LAST)
	OLSON	FIRST MARRIED, IF DIFFERENT
26 08/19/1977 PRESENTAGE DATE OF BIRTH	28 PRESENT AGE	02/21/1975 DATE OF BIRTH
7291 RIESLING RESIDENCE NO STREET	7291 RIESLING	STREET
MATTAWAN MICHIGAN 49071	MATTAWAN MICHIGAN 49071 CITY STATE, AND ZIP CODE	
KALAMAZOO RESIDÊNCE COUNTY NUMBER OF TIMES PREVIOUSLY MARRIEO	KALAMAZOO RESIDENCE COUNTY	O NUMBER OF TIMES PREVIOUSLY MARE
WATSEKA ILLINOIS	DETROIT MICHIGAN	V - CITY AND STATE
BIRTHPLACE - CITY AND STATE	ARTHUR WILLIAM OLSON JR	

An affidavit has been filed in this office by which it appears that said statements are true. This marriage license authorizes the marriage of the parties named above within the State of Michigan by any person

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Hail Stop Patent Ext.
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney for Applicant

Date: // August 2004

Appl. No.:
Applicant(s):

09/893,389 Keeth et al.

Filed:

28 June 2001

Title:

256 MEG DYNAMIC RANDOM ACCESS MEMORY

**Art Unit:** 

2818

Examiner:

Michael Thanh Tran

**Docket No.:** 

DB000575-014

## TRANSMITTAL LETTER

To:

Mail Stop Patent Ext.

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

### Dear Sir:

Enclosed for filing please find the following:

- Application for Patent Term Adjustment Pursuant to 37 CFR §1.705;
- Copy of Notice of Allowance and Issue Fee(s) Due with Determination of Patent Term Adjustment under 35 U.S.C. 154(b);
- Copy of return receipt postcard for Response and Amendment filed 9 May 2002;
- Copy of Patent Application Information Retrieval (PAIR) system screen print-out;
- Copy of return receipt postcard for Resubmitted Response and Amendment filed 23 January 2004;
- Copy of return receipt postcard for Response and Amendment filed 12 July 2004;
- Fee Transmittal (Form PTO/SB/17); and
- Check in the amount of \$200 as the requisite fee

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A duplicate copy of this Transmittal letter is enclosed.

Respectfully submitted,

Richard J. Coldren Reg. No. 44,084 Thorp Reed & Armstrong, LLP One Oxford Centre 301 Grant Street, 14<sup>th</sup> Floor Pittsburgh, PA 15219-1425 (412) 394-2442

Dated: // August 2004

Attorneys for Applicant